

## ABSTRACT

This invention relates to a method for manufacturing an implantable medical device, having a surface covered with a coating that can include a desired amount of a biologically active material, using an ultraviolet (UV) laser. The invention also pertains to a method for manufacturing an implantable medical device having a surface covered with a coating having more than one layer wherein a desired portion of the top layer is ablated with an ultraviolet (UV) laser. Also, the invention relates to a method for measuring a thickness of a coating applied to an implantable medical device. Furthermore, the invention is directed to a method for manufacturing an implantable medical device having a surface covered with a coating free of webbing or cracking.